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|----------|------|--|---|---------------------|---------|------------------|
| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp 🗭 |
| L1 | . 0 | ("diisobutyladjadipatewithplasticizer").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/09/19 15:48 |
| L2 | 370 | diisobutyl adj adipate with plasticizer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:49 |
| L3 | 3978 | citrate with plasticizer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:49 |
| L4 | 175 | 3 and 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:51 |
| L5 | 15 | 4 and citrate adj triethyl | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:49 |
| L6 | 0 | 5 and nitrocelulose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:50 |
| L7 | | 5 and nitrocellulose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:50 |
| L8 | 11 | 4 and nitrocellulose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 15:52 |
| L9 | 22 | 2 and nitrocellulose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON , | 2005/09/19 15:52 |
| L10 | 17 | (US-20040016479-\$ or US-20040025990-\$ or US-20040208884-\$).did. or (US-3364086-\$ or US-3451883-\$ or US-3711343-\$ or US-4029529-\$ or US-5187320-\$ or US-5218166-\$ or US-5348596-\$ or US-4025370-\$ or US-3943017-\$ or US-3711344-\$ or US-3676533-\$).did. or (US-3732131-\$ or US-3732130-\$ or US-2967098-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/19 15:52 |

| S3 | 2167 | DNT or dinitrotoluene | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/19 07:52 |
|-----|------|--|---|----|----|------------------|
| S4 | 107 | S3 with (free or absent or substitut\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/29 21:08 |
| S5 | 1592 | plasticizer and propellant and (citrate or adipate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/29 21:09 |
| S6 | 2 | S4 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/29 21:31 |
| S7 | 11 | ("3328217" "3364086" "3447983" " 3451883" "3711343" "4029529" "45 25313" "5187320" "5218166" "5348 596" "5919274").PN. | US-PGPUB; USPAT | OR | ON | 2005/09/16 05:38 |
| S8 | 10 | (US-20040208884-\$ or US-20040025990-\$ or US-20040016479-\$).did. or (US-5218166-\$ or US-5348596-\$ or US-4029529-\$ or US-3711343-\$ or US-3364086-\$ or US-3451883-\$ or US-5187320-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/08/29 21:34 |
| S9 | 1 | S8 and (DNT or dinitrotoluene) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/29 21:35 |
| S10 | 0 | 09/673230 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 06:28 |
| S11 | 478 | energetic near2 plasticizer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/29 21:42 |
| S12 | 424 | energetic adj plasticizer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/08/29 21:42 |
| S13 | 10 | (US-20040016479-\$ or US-20040025990-\$ or US-20040208884-\$).did. or (US-3364086-\$ or US-3451883-\$ or US-3711343-\$ or US-4029529-\$ or US-5187320-\$ or US-5218166-\$ or US-5348596-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/09/16 05:36 |

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|-----|------|--|---|----|----|------------------|
| S14 | 3879 | plasticizer same nitrocellulose | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/16 05:38 |
| S15 | 65 | plasticizer same nitrocellulose and "13.2" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/16 05:39 |
| S16 | 2 | (DNT or dinitrotoluene) and S15 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 05:42 |
| S17 | 6 | single near3 base\$2 and S15 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 05:43 |
| S18 | 4 | single near3 base\$2 near5 propellant and S15 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 06:00 |
| S19 | 79 | high with nitrogen with nitrocellulose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 06:00 |
| S20 | 136 | plasticiz\$4 same nitrocellulose same (citrate or adipate) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 06:01 |
| S21 | 2 | S19 and S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 06:01 |
| S22 | 42 | lebovitz.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/09/16 06:28 |

| S23 | 50 | ("6607618" "5682009" "5487851" "4267132" "5510062" "5524544" "4909868" "4263069" "4525313" "5608184" "4315785" "4386978" "4299636" "4420350" "5218166" "4298411" "5013856" "5844165" "5955629" "4038115" "4082583" "4298552" "4478656" "5205983" "5387295" "5652409" "6692655" "4886560" "5254186" "5385619" "5186871" "5251531" "4381958" "4126497" "4288262" "6241833" "3844856" "5372664" "4285743" "4615270" "4844845" "5841058" "6085630" "5482581" "5520757" "5763696" "3617400" "3861970" | US-PGPUB; USPAT | OR | ON | 2005/09/19 07:56 |
|-----|-----|--|---|----|----|-------------------|
| | | "3855373" "3808061").pn. | | | | |
| S24 | 12 | S23 and single same base\$2 same propellant and plasticizer | US-PGPUB; USPAT | OR | ON | 2005/09/19 08:00= |
| S25 | 12 | S24 and nitrocellulose | US-PGPUB; USPAT | OR | ON | 2005/09/19 08:00 |
| S26 | 4 | S25 and plasticizer same (citrate or adipate) | US-PGPUB; USPAT | OR | ON | 2005/09/19 08:01 |
| S27 | 350 | single same base\$2 same propellant and plasticizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:00 |
| S28 | 178 | S27 and nitrocellulose | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:00 |
| S29 | 45 | S28 and plasticizer same (citrate or adipate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:01* |
| S30 | 27 | S29 and plasticizer same (nonenergetic or energetic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:19 |
| S31 | 1 | plasticizer with (nonenergetic or non adj energetic or inert or nonexplosive or non adj explosive or low adj energy) same nitrocellulose with (high near3 nitrogen or "13.2") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:21 |

| 633 | 10- | | 110 0000 | | | |
|-----|-----|--|---|------|----|-------------------|
| S32 | 198 | plasticizer with (nonenergetic or non adj energetic or inert or nonexplosive or non adj explosive or low adj energy) same nitrocellulose | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 10:18 |
| S33 | 0 | S32 and (DNT adj free or dinitrotoluene adj free) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:31 |
| S34 | 18 | S32 and (DNT or dinitrotoluene) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR . | ON | 2005/09/19 08:22 |
| S35 | 26 | S32 and (single near5 base\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:52 |
| S36 | 13 | S32 and (single near5 base\$2) near5 propellant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:32 |
| S37 | 13 | S32 and (single near5 base\$2) with propellant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:32* |
| S38 | 7 | S35 and ("13.2" or "13.1" or "13. 25" or "13.3" or "13.15" or high adj ("N" or nitrogen)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 08:54 |
| S39 | | (US-20040016479-\$ or US-20040025990-\$ or US-20040025990-\$ or US-304086-\$ or US-3451883-\$ or US-3711343-\$ or US-4029529-\$ or US-5187320-\$ or US-5218166-\$ or US-5348596-\$ or US-4025370-\$ or US-3943017-\$ or US-3711344-\$ or US-3676533-\$).did. or (US-3732131-\$ or US-3732130-\$ or US-2967098-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/19 10:18 |
| S40 | 8 | diethylphthalate with (nonenergetic or non adj energetic or inert or nonexplosive or non adj explosive or low adj energy) with plasticizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 10:20 |

| S41 | 5 | diphenylamine with (nonenergetic or non adj energetic or inert or nonexplosive or non adj explosive or low adj energy) with plasticizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 10:20 |
|-----|---|--|---|----|-----|------------------|
| S42 | 6 | diethylphthalate with (nonenergetic or non adj energetic or inert or nonexplosive or non adj explosive or low adj energy) with plasticizer with (citrate or adipate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/09/19 11:03 |
| S43 | 3 | ("3711343").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/09/19 15:48 |